

ABSTRACT

A heat exchanger has header tanks each including a header forming plate, a tube connecting plate, and an intermediate plate interposed between the two plates, the plates being arranged in superposed layers and brazed to one another. Each of the plates is made from a metal plate by press work. The header forming plate has an outward bulging portion. The tube connecting plate has tube insertion holes. The intermediate plate has communication holes causing tube insertion holes to communicate with the interior of each outward bulging portion therethrough. Heat exchange tubes have opposite ends placed into the respective insertion holes and brazed to the respective tube connecting plates. The heat exchanger including such header tanks is reduced in the number of components, can be fabricated with a high work efficiency, and exhibits improved heat exchange performance.